

SEQUENCE LISTING

<110> THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as
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 Collins, Peter L.
 Murphy, Brian R.
 Whitehead, Stephen S.
 Krempf, Christine D.

<120> PRODUCTION OF ATTENUATED, HUMAN-BOVINE CHIMERIC
 RESPIRATORY SYNCYTIAL VIRUS VACCINES

<130> 15280-398100PC.

<140>
 <141>

<150> 60/143,132
 <151> 1999-07-09

<160> 23

<170> PatentIn Ver. 2.1

<210> 1
 <211> 79
 <212> DNA
 <213> Bovine respiratory syncytial virus

<400> 1
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 caagtatgtc caaccatacc 80

<210> 2
 <211> 80
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 bovine RSV

<400> 2
 agttatttaa aattaaactt aaaaatgggtt tatgtcgaca tacagatggt ggggcaaata 60
 caagtatgtc caaccatacc 80

WO 01/04335

PCT/US00/17755

<210> 3
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
human and bovine RSV

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caaaaacaag 70

<210> 4
<211> 87
<212> DNA
<213> Human respiratory syncytial virus

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gcaaagtcac acatgtccaa aaacaag 87

<210> 5
<211> 62
<212> DNA
<213> Bovine respiratory syncytial virus

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<210> 6
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
bovine RSV

<400> 6
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ca 62

WO 01/04335

PCT/US00/17755

<210> 7
<211> 87
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
human and bovine RSV

<400> 7
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actctggggc aaataacaat ggagttg 87

<210> 8
<211> 87
<212> DNA
<213> Human respiratory syncytial virus

<400> 8
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actctggggc aaataacaat ggagttg 87

<210> 9
<211> 86
<212> DNA
<213> Bovine respiratory syncytial virus

<400> 9
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ccaatcattc aaaaagatgg ggcaaat 87

<210> 10
<211> 87
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
bovine RSV

<400> 10
ccatgttgat agttatataa aaatattata ttagtctcga ggaataaaaat cgattaacaa 60
ccaatcattc aaaaagatgg ggcaaat 87

WO 01/04335

PCT/US00/17755

<210> 11
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
human and bovine RSV

<400> 11
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aagatggggc aaat 74

<210> 12
<211> 77
<212> DNA
<213> Human respiratory syncytial virus

<400> 12
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tgaaaactgg ggcaaat 77

<210> 13
<211> 46
<212> DNA
<213> Artificial Sequence

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human bovine RSV

<400> 13
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<210> 14
<211> 55
<212> DNA
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respiratory syncytial virus

<400> 14
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WO 01/04335

PCT/US00/17755

<210> 15
<211> 35
<212> DNA
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respiratory syncytial virus

<400> 15
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<210> 16
<211> 29
<212> DNA
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<220>
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respiratory syncytial virus

<400> 16
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<210> 17
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
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respiratory syncytial virus

<400> 17
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<210> 18
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
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respiratory syncytial virus

<400> 18

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29

<210> 19

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
respiratory syncytial virus

<400> 19

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28

<210> 20

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
respiratory syncytial virus

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29

<210> 21

<211> 42

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
respiratory syncytial virus

<400> 21

aggaattcgc atgcggggca aataacaatg gagttgccaa tc

42

<210> 22

<211> 42

<212> DNA

WO 01/04335

PCT/US00/17755

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
respiratory syncytial virus

<400> 22

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<210> 23

<211> 64

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
respiratory syncytial virus

<400> 23

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agat 64